Stamford



Communities that are most vulnerable to flooding:

In Westchester: the "sound shore communities" of Rye, Mamaroneck, and New Rochelle

At 14.1 MLLW / 6.3 ft MHHW



Widespread record coastal flooding occurred along Western Long Island Sound. Along the Southern Fairfield coast, peak storm tides surpassed water levels from the October 31, 1991 and December 11, 1992 nor'easters and the recorded peaks from Hurricane Irene in 2011 and the 1938 Hurricane. The record storm tide levels along Western Long Island Sound resulted from a peak storm surge of about 8 to 9 feet that coincided with normal high tides. These storm tides

resulted in up to 2 to 5 feet of inundation several blocks inland along Long Island Sound, with a few feet of inundation working north of I-95 in several spots along waterways such as the Pequonnock River in Bridgeport, Ash Creek and Mill River in Fairfield, Saugatuck River in Westport, and Norwalk River in Norwalk. The most widespread major damage occurred in Bridgeport and Fairfield townships, with isolated pockets of heavy damage, such as in Greenwich. In addition, Igor Sikorsky Airport experienced inundation of both runways by a few feet of water with inundation reaching the terminal building.

At 12.7 ft MLLW / 4.9 ft MHHW

<u>Stamford</u> – Water covering about half of <u>Cummings Park</u>. (900 am 8/28/2011)

<u>Westport</u> – One ft of water over US1 and rising...Saugatuck River is out of its banks...closures along Saugutuck River near <u>Riverside and Imperial Ave</u>. (1015am 8/28/2011)

At 11.0 ft MLLW / 3.2 ft MHHW

Old Greenwich - at Shore Acre and Sunset Roads. Water in his front and back yards and he had to walk through water to get to his house. (1200pm 1/12/2012)

At 10.8 ft MLLW / 3.0 ft MHHW

Stamford - Flooding on Weed Avenue



Rye - <u>Kirby Lane at Tide Mill</u> - roadway flooded – impassable for 2 hrs <u>Milton Rd. near the Rye Marina - roadway flooded from Fairlawn Ave to Hewlett Ave</u>. – impassable for 2 hrs

At 10.6 ft MLLW / 2.8 ft MHHW

Old Greenwich - 1-2 ft inundation in Old Greenwich (130 pm 9/28/2011)



Westport - Around 1 ft inundation in Westport's Compo Mill area . (10/18/09 1130am EDT)



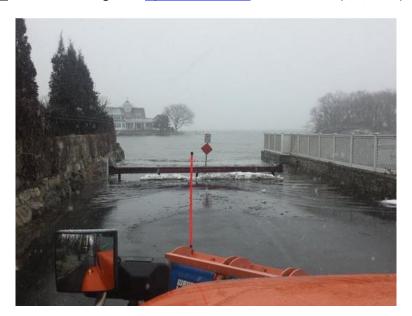
1 to 2 ft inundation of Canal Road in Westport's Saugatuck Shores area. (10/18/09 1130am EDT)



Westport - At 1212pm EDT on 9/28/11. Canal Rd in Saugatuck Shores in Westport was closed due to inundation.

At 1212pm EDT on 9/28/11. The Saugatuck River lapped over the parking lot behind the Westport Arts Center on Riverside Avenue

<u>Waterford</u> - Inundation begins at <u>Byram Dock Road</u> in Greenwich (2/8/2016)



At 10.4 ft MLLW/ 2.6 ft MHHW

Rye - Kirby Lane at Tide Mill - roadway flooded - impassable Van Renselear Dr. - roadway flooded - Pump station "high water" alarm activated Milton Rd. near the Rye Marina - roadway flooded from Fairlawn Ave to Hewlett Ave. - impassable (1/10/2016)

At 10.3 ft MLLW / 2.5 ft MHHW

<u>Stamford</u> - Issues behind the <u>Stamford Hurricane Barrier</u> begin to occur if the tide reaches ~7 NGVD (~10.3 MLLW). At that level, the area would have some street and basement flooding if hurricane barrier isn't closed.

At 10.2 ft MLLW / 2.4 ft MHHW

Rye- Milton Road and Kirby Lane closed at times of high tide (3/9/2013).

At 10.1 ft MLLW / 2.3 ft MHHW...heavy rain at time. 4-6 inches 36 hr rain total.

<u>Old Greenwich</u> – Minor flooding in <u>Binney Park and Binney Park Drive</u>.

<u>Fairfield, CT</u> - Minor coastal flooding at <u>Riverside Yacht Club on Club Road in Cos Cob, Fairfield</u> CT.

(300pm 10/1/11)

Rye, NY - Milton Road was closed between <u>Garden Drive and 688 Milton Road</u> due to flooding, as was <u>Kirby Lane at the Tide Mill basin</u>. (6/5/2012 Midnight)

At 9.8 ft MLLW) / 2.0 ft MHHW

Rye, NY - Minor flooding of <u>Kirby Lane</u>, a low lying road that typically floods in an area known as the Tide Mill at the first indication of coastal flooding. The road took some water but apparently did not become impassable. (4/8/2012)

Milton Road and Kirby Lane closed at times of high tide (9.6-9.8 ft MLLW) (3/7-8/2013)